



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Vol. 2 — No. 12.

OAK RIDGE, TENNESSEE

Tuesday, March 23, 1948



A LARGE GROUP OF Y-12 FIREMEN ATTENDED a meeting Monday night, March 15, to receive the certificate proclaiming the 1947 Y-12 fire prevention program second best among the nation's

industrial plants. Assistant Superintendent W. D. Lavers, extreme right, is shown presenting the certificate to Fire Chief J. W. Hughey.

Y-12 Photos By Vince Moore

1948 Cleanup Drive To Extend To All Corners Of Y-12 Plant During April 4 To 18 Period

Observance of the annual spring cleanup campaign in Y-12, set this year from April 4 through April 18, is an important part in the year around fire prevention program, according to Y-12 Fire Chief J. W. Hughey who has urged every department in the plant to cooperate in the movement.

The 1948 cleanup drive will extend to all corners of Y-12 with the objective of the campaign being elimination of all accident and fire hazards and to improve the appearance of the property. In addition to carrying out this work in the plant, many employees are expected to extend the movement to their homes for the usual "spring cleaning" as the city of Oak Ridge is conducting a concentrated cleanup and beautification program during the same April 4-18 period.

Inspections Are Started

Supervision throughout the plant already has begun a thorough inspection of areas under their direction with the view of improving working conditions and cleaning out rubbish that might have accumulated during the winter months. Special pickup service will be provided to remove such trash and rubbish.

All division heads in Y-12 have joined in thoroughly endorsing the cleanup movement. W. D. Lavers, Assistant Y-12 Superintendent, last week stressed the need for a continuous program throughout the year, saying:

"We feel that a plant-wide cleanup move should not be limited to any one period of the year. It is a year around proposition."

Move Extends To Offices

With the Fire Department co-ordinating the cleanup campaign in the plant, Chief Hughey has pointed out that the movement is applicable in all offices as well as in the production areas of Y-12. All vaults, safes and other containers of papers should be kept in order, not only as a protection against loss or misplacement of documents but also to eliminate potential fire hazards.

The Fire Department has pointed out that the cleanup campaign staged in 1947 played an important part in the successful fire prevention program for the year. This program was adjudged second best among the industrial plants of the nation in the 1947 national fire

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Y-12 Fire Department Called 'Part Of Whole Team' As 1947 Prevention Award Presented

Because of the unavoidable absence of Dr. C. E. Larson, Y-12 Superintendent, presentation of the certificate proclaiming the plant's 1947 fire prevention program as the second best among industrial plants of the nation was made to the Y-12 Fire Department at impressive ceremonies Monday night, March 15, by W. D. Lavers, Assistant Superintendent. The presentation was made at a well-attended departmental meeting and the certificate was accepted by Fire Chief J. W. Hughey on behalf of the department.

The certificate had been presented to Y-12 the previous week by T. Alfred Fleming, chairman of the National Fire Prevention Week Contest, and was accepted at that time by Dr. Larson.

Dr. Larson Sends Congratulations Although not attending the Fire Department meeting, Dr. Larson sent a message of congratulation to the firemen, which was read by Assistant Superintendent Lavers. The statement follows:

"I regret that circumstances beyond my control have made it impossible for me to attend your meeting tonight. The receiving of this award signifies more than the mere winning of a contest. It reflects the important place that fire prevention has in the operation of the Y-12 plant."

Held In High Regard

"Carbide and Carbon Chemicals Corp. is vitally interested in fire prevention activities. Due to the wide variety of plants operated by the Company, fire prevention activities are administered in many different ways. Here in Y-12 we

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Red Cross Donations Grow; Y-12 25 Per Cent Over Quota

Not content to rest on their laurels of being the first group in its classification to go "over the top" in the 1948 Oak Ridge Red Cross fund drive, employees of Y-12 continued to pour in contributions last week. As of last Friday morning, approximately \$2,700 had been received at drive headquarters, the amount being more than 25 per cent over the goal of \$2,000 assigned the plant.

One of the most gratifying features of the campaign in Y-12 was the large number of individual contributions made to the move. From the opening of the drive on March 1 through last Thursday a total of 1,648 pledge cards had been returned, each accompanied by a donation. Many departments in the plant reported 100 per cent participation in the drive and others were close to that record.

RELAX ON TIME OFF

In your time off, do what you like best to do—walk, visit friends, read, play games, go to the movies—whatever helps you to relax and to take your mind off your work for a little while.

Atomic Energy Security Plan Makes Sense

Through long years of painstaking study and often disastrous experiences, the American system of counter espionage and related preventive measures to insure the safeguarding of the nation's secrets has been evolved.

During Congressional hearings on the Atomic Energy Act of 1946 when the question of security was raised, one witness asked the question:

"Are we to have security through secrecy or security through achievement?"

This question was answered, not by choosing one or the other alternatives, but in terms of sense-making balance.

No One Simple Secret

To reveal all our knowledge on atomic energy would be foolhardy and, on the other hand, to attempt to keep all of it secret would be equally foolish. As far as atomic energy is concerned—there isn't any one single, simple secret. What we have is a lot of pieces of information—scientific and technical—which when put together constitute the American lead in this field.

Disclosure of these pieces of information to unauthorized persons is forbidden by the Atomic Energy Act of 1946 under the threat of severe penalty. However, this same act provides for dissemination of basic scientific information in order to stimulate growth and progress and to make such information available to persons who may need it for the furtherance of a worthy scientific program.

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Uniform Safety Program In Y-12 Is Established

First steps towards establishing a plant-wide safety program to provide maximum safety for all employees in Y-12 has been taken with the appointment of three types of safety committees to perfect a well-rounded and effective plan of preventing accidents throughout the plant.

Under the program, direct supervision is responsible for seeing that all employees do their work in accordance with standard safety practices. A number of departments and groups, including the Safety Department, Medical Department, Fire Department, Special Hazards Group, Maintenance Division Inspecting and Testing Groups and Safety Committees within each department will assist direct supervision in the accident prevention program. Central Safety Committee Formed

The Y-12 Central Safety Committee, composed of members of the Y-12 Policy Committee, is responsible for the overall effectiveness of the safety program. The other committees set up to carry out provisions of the program include divisional and departmental sub-committees.

The divisional safety committees are set up on a permanent basis and are composed of representatives of each department in each division in the plant. The departmental sub-committees consist of at least three members each, with one member designated as chairman. One member of each sub-committee will be relieved each month and a new employee appointed to the vacancy after the original committee has served three months.

Uniform Program Planned

A uniform program for the departmental sub-committees that will include safety inspections, safety meetings and agenda for such meetings will be provided by the divisional safety committees in such a manner as to provide at least a 30-minute session for each employee each month.

Each department is responsible for keeping a current record on all injuries according to type and classification. This shall be done on a large chart posted in a conspicuous place accessible to all employees. Each department also shall be responsible for keeping a monthly record showing the accident severity and frequency rate for the department. From this record, information may be obtained that will enable corrective measures to be taken to prevent such accidents from recurring.

How Accidents Are Prevented

The safety of each employee generally will be effected by machines, methods, materials and himself. Each accident can be attributed to one of these four factors. If machines are in a safe condition and materials are correct and the employee uses the correct method prescribed for doing his job, the likelihood of an accident is greatly reduced.

LIFE EXPECTANCY GROWS

The Metropolitan Life Insurance Co. estimates that, within the course of the next decade or two, it should be possible to extend the average length of life of the population of the United States to at least 70 years.



ONE OF THE MANY SAFETY MEETINGS HELD regularly in Y-12 is pictured above. It shows employees in Dept. H12D hearing a talk on electrical safety by J. C. Ezell, of the Electrical Repair and Maintenance Department.

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No Absences Reported In Six Departments

Although six departments reported perfect attendance records for the week ending March 14, one more than for the previous week, the plant absentee mark as a whole slipped up .1 per cent to reach 2.2 per cent for the period. Of the groups with no absences for the week, five are in the minor league with from 15 to 49 employees and the other in the major league with more than 50 employees.

Manufacturing Offices Leads

Dept. A12M, Manufacturing Offices, was the major league department with a perfect record, rising from third place held for the week ending March 7. In second place with an absentee mark of only .3 per cent was Dept. M12P, Product Chemical, which had rested in seventh place the preceding week. Third place was held by Dept. A13N, General Utilities and Standby, with a record of .5 per cent of its personnel absent. This department was in second place the previous week.

Employment, Dept. A12L, and Product Process, Dept. M13P, continued their perfect records in the minor league from the week ending March 7. Joining these two at the top of the list were Dept. A12R, Cafeteria and Canteen, rising from second place; Dept. A13T, Transportation, rising from fifth place; and Dept. A13S, Tool, rising from ninth place.

Absentee Marks Are Low

Second place in the minor league for the week ending March 14 was taken by Dept. A15N, Experimental Process Equipment Repair and Maintenance, with an absentee percentage of .5. Steam Plant, Dept. M12S, held on to third place with an absentee mark of .98.

The plant absentee record by departments for the week ending March 14 follows:

MAJOR LEAGUE More than 50 Employees			
Dept.	Percentage Absent	3-14-48	3-7-48
A12M	0.0	1	3
M12P	0.3	2	7
A13N	0.5	3	2
A17N	0.7	4	4
B12C	1.2	5	5
A12S	1.5	6	6
A14N	2.0	7	11
A14E	2.2	8	10
H12E	2.5	9	12
A16N	2.6	10	13
H12D	2.7	11	16
A12W	2.8	12	9
B12H	2.9	13	14
B12L	3.05	14	1
A14J	3.07	15	15
B13L	3.8	16	8
A12G	5.7	17	17

Group absentee percentage was 2.3 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees			
Dept.	Percentage Absent	3-14-48	3-7-48
A12L	0.0	1	1
M13P	0.0	1	1
A12R	0.0	1	2
A13T	0.0	1	5
A13S	0.0	1	9
A15N	0.5	2	1
M12S	0.98	3	3
A12T	1.04	4	1
A12J	1.3	5	6
A12D	2.22	6	4
B13C	2.22	6	10
A19N	2.7	7	10
B12A	4.8	8	6
A12A	5.3	9	8
A12N	6.3	10	7

Group absentee percentage was two per cent, .6 per cent lower than the preceding week.

The plant average for the week ending March 14, was 2.2 per cent, .1 per cent higher than the preceding week.

APPENDICITIS DEATHS DROP

Modern medical knowledge has helped to decrease the appendicitis mortality rate. The death rate from the first nine months of 1947, for instance, was 3.2 per 100,000, or less than one-third that of 10 years ago.

Strictly Confidential..

E. A. Hauther, Dept. A12M, is vacationing this week at his home in Knoxville.

Dept. H12L extends sympathy to John Radin, whose father, J. M. Radin, died at his home in Gilroy, Calif., March 15 . . . Dept. H12L also wishes a quick recovery to Clayton Bolinger, who is ill.

Those attending the Detroit Symphony Orchestra concert in Knoxville March 10 included George Nessel and his wife; John Redman and W. D. Hoover of Dept. H12D and Warren Beyer of Dept. B13L . . . T. S. Higgins, Dept. H12D and Earl Patterson, Dept. B12C, tried their luck at fishing

at the K-25 lake recently. "What! no crappie?" we ask. "Nope, no nothing," says they.

The Smoky Mountain Hiking Club seems to be making good use of this mild weather of late on the weekends, Nancy Doane, Dept. H12D, one of the Y-12 members reports—The club spent last weekend repairing the club's cabin, better known as "The Cabin in the Brier," located near Gatlinburg, which the club intends to make their old hide out this summer. Other members of the club include Virginia Spivey, also of Dept. H12D and Elizabeth "Skipper" Adair, Dept. B12L.

Y-12 extends sympathy to G. C. Henderson, Sr., Senior Safety Engineer, Dept. A13J, and Mrs. Henderson, whose son, G. C. Henderson, Jr., died March 17 in a hospital in Lexington, Ky.

Delores Browder, Dept. A12L, and her husband, Frank, spent a recent weekend in Chattanooga.

Vena May Summitt, Dept. A12R, is vacationing in Lenoir City, Tenn., this week.

C. L. Freeman, Dept. A15N, had an excellent reason for giving out cigars and candy the other day. The Freemans are parents of a new daughter, Palima Jean . . . Also C. E. Dalton reports a new addition to the family.

Dept. A12G extends sympathy to A. A. Pierce whose uncle, William A. Pierce, died at his home in Bristol, Tenn., March 9 . . . The department also sends get well wishes to C. A. Cowan, who is ill in the Oak Ridge Hospital.

George Riddle, Dept. A17N, was among the spectators from Oak Ridge who attended the state high school basketball tournament finals in Knoxville recently.

Elmer Greene visited his father in LaFollette recently.

Dept. A14J wishes a speedy recovery to Fred Cowan, who is ill.

Dept. A12N welcomes Helen Baker back to work after a short illness.

Chester Moses, Dept. B12C, returned Monday after a week's vacation in Etowah, Tenn. . . . Irene McClellan has returned after a week's vacation spent with her parents in Knoxville . . . Ralph Watson has returned from a week's vacation.

Carolyn Kirk, Dept. A12S, returned to work Monday after a week's vacation spent with her family in Morristown, Tenn. . . . C. H. Walker decided to get plenty of sunshine during his vacation last week by working on his farm located near Concord, Tenn. . . . B. H. Nelson is vacationing this week.

W. M. Redden, Dept. A14N, returned Monday after a week's vacation.

Post Office Needs Reported; Legion Sets Masquerade Dance

Recognition that Oak Ridge needs new post office facilities was voiced here last week by W. B. Wooten, chief building inspector for the United States Post Office, to Frank Wilson, commander of the Atomic City Post, No. 199, American Legion, whose organization recommended the investigation be made.

Wilson also said that Wooten indicated he would advise his department that the new facilities be planned and recommended to Congress for appropriations committee action. Wooten conferred with Postmaster George Bowling and other local post office officials.

A masquerade dance will be staged by the Atomic City Post tomorrow night at the Grove Hall, starting at 9 o'clock, which is open to the public. Jim Scott's orchestra will furnish the music and the price of tickets bought in advance is \$1.25 per person and \$1.50 at the door.

VITAMINS ARE VALUABLE

Health experts agree that young children should have cod-liver oil or one of the other fish-liver oils every day for Vitamins A and D.



Only one birth was reported to a Y-12 family at the Oak Ridge Hospital last week: Mr. and Mrs. Coy Lee Freeman became parents of a daughter, March 13.

Wife Of Y-12 Man Elected V.F.W. Auxiliary President

Mrs. Ruby Durrett, wife of Jesse Durrett, head chef of the Y-12 Cafeteria and veteran of World War I, was elected president of the Women's Auxiliary of the Raymond C. Mason Post, No. 6351, Veterans of Foreign Wars, at an election meeting held last Tuesday night. Other auxiliary officers elected were Lula MacKenzie, senior vice president, Christine Chandler, junior vice commander, and Vera Schnuckel, secretary-treasurer.

Members of the post held their meeting at the same time and elected Raymond C. Angevine, a veteran of World War I, commander. Angevine, who succeeds Kenneth C. Fahey, retiring commander, is an employee at K-25 and one of the organizers of the post in March, 1946.

Other officers elected were A. G. Anderson, senior vice commander, James D. Babb, junior vice commander, Charles Ryan, quartermaster, Marc Sims, of Y-12, post advocate, Ben Clary, trustee, Robert Bledsoe, chaplain, and K. O. Abernathy, surgeon. The post will move into its new home located in Clary Hall next month and will have approximately five times as much floor space as its present quarters, which will be encompassed by the new housing project. Present membership of the post is near the 500 mark and the goal in the current drive has been set for 750 members by the time the new home is established.

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week: Herman P. Kackenmaster, Dept. H12D; Fred Cowan, Dept. A14J; John A. Bradshaw, Dept. A16N; Earl E. Murray, Dept. A12W; Hazel D. Price, Dept. B13L; Thelma W. Chapman, Dept. A16N; Clayton A. Bolinger, Dept. H12L; Clyde A. Cook, Dept. A14J; Alvie C. Bollinger, Dept. B12H; H. G. Marlar, Dept. B12H; George A. Cowan, Dept. A12G; Green Berry Inman, Dept. B12H.

Insulin Proves Master Of Diabetes

Diabetes met its master in 1921 when insulin, which often controls the disease, was discovered. Since that time, other advances have further improved the treatment of diabetes. Control in many cases has become more accurate with the development of slower-acting insulins. Today, most diabetics under good medical care can look forward to a healthy, active life.

A smile that spreads sunshine makes others warm up to you.



RICH-BOODY

The engagement and approaching marriage of Miss Ruth Rich, former Y-12 employee, to Frederick Parker Boody, Dept. H12L, has been announced. The wedding will take place at 2 p. m. Saturday, May 8, at the Chapel-On-The-Hill with the Rev. Robert F. Lundy officiating.

The bride-elect is the daughter of Mr. and Mrs. William M. Rich, of Byrdstown, Tenn. She was employed in Y-12 in 1944, working in Bldg. 9202. She now is with the Recreation Department of the city of Oak Ridge and is a member of the Beta Sigma Phi sorority.

Miss Rich attended Milligan College, Johnson City, and is a graduate of Tennessee Polytechnic Institute, Cookeville, Tenn.

Boody is an engineer in the Research and Development Department. He is a member of Tau Beta Pi, Sigma Tau, Phi Kappa Phi, Phi Lambda Upsilon and Pi Mu Epsilon fraternities. He received his BS degree in chemical engineering in 1944 from Pennsylvania State College. He is the son of Mr. and Mrs. Howard E. Boody, Montclair, N. J.

Camera Club Asks Entries Be Submitted In Advance

Members of the Carbide Camera Club have voted that all prints or slides for any competition staged by the organization must be submitted at least one week before the date of showing to be eligible for the contest.

Foster Calloway, of Y-12, president of the club, has stated that members entering slides or prints in any competition may leave them at the home of V. O. Haynes, 114 East Holston Lane; at the K-25 Recreation Office or with J. D. Foster at Taylor's Photo Shop. The entries should be marked for the attention of V. O. Haynes.

A black and white print competition on the subject of animals will be held at the next meeting of the club, scheduled for 7:30 p. m. Tuesday, April 13, in the club rooms in the Y-12 East Portal. A lecture on the subject of filters will be read by one of the club members at the meeting.

WATER DRINKING HEALTHY

Everyone should have from four to eight glasses of water a day—that's the advice of experienced nutritionists of the Metropolitan Life Insurance Co.

BE SURE TO KEEP TRACK OF GROUP POLICY

Do you know where your Carbide group insurance certificate is located? If not, you had better find it—and put it away in a safe and accessible place. Make sure that other members of your family also know where it is. While you're at it, better read the certificate through so you understand what protection and benefits are available. Make sure, too, that the proper beneficiary is indicated on your group life insurance certificate.



Y-12 Photos By Vince Moore
THE IRISH theme permeated the Shamrock Swing, annual spring dance of the Oak Ridge College Women's Club, as shown in the pictures above. In the top view a group of Oak Ridge Folk Dance club members present a number called "Road To The Isles." Left to right are Hilda Copp, Harold E. Walchli, Dept. H12L; Mrs. V. L. Jackson and her husband, V. L. Jackson, Dept. B12L; Mrs. J. R. McGuffey and George Banic, Dept. H12L. The lower picture shows George R. Peterson, Dept. H12D, being crowned with a St. Patrick's hat by his wife, Gloria.

Like To Cook? Then Try This Recipe

NEW ENGLAND CHUTNEY SAUCE

Two green peppers.
Six green tomatoes, skinned.
Four small onions.
One pound brown sugar.
One cup raisins.
One quart vinegar.
Two tablespoons salt.
Two tablespoons celery seed.
Two tablespoons mustard seed.
12 large green apples.

Remove seeds from peppers and cut peppers, tomatoes and onions into small pieces. Place in a large saucepan and add sugar, raisins, vinegar, salt and spices. Cook slowly for one hour. Peel, core and quarter apples and add to the green pepper and tomato mixture. Cook slowly until soft and thick. Pour into hot, sterilized jars. If the self-seal metal cap or glass cap are used, process in hot water to insure a seal.

Makes eight pint jars with 361 calories per jar. Source of Vitamins A, C and B Complex. Preparation time two hours.

DARK HOURS DANGEROUS

Sixty per cent of all persons killed in automobile accidents meet death during the hours of darkness.



Y-12 Photos By Vince Moore

FIVE YOUNG "KITTY HAWKERS," members of the Oak Ridge Model Airplane Club whose parents work at Y-12, are pictured displaying models they entered in a recent model building and flying contest held at the Cedar Hill School gymnasium. Left to right are Calvin Clark, son of Bert Clark, Dept. A14N; Bobby Bishop, son of E. C. Bishop, Dept. A12N; Jean McCormick, daughter of Charles McCormick, a former Y-12 employee; Dick Culver, son of Joe Culver, Dept. H12W, and Wayne Mitchell, son of Charles Mitchell, Dept. A17N. Chief instructor and dean of the club is Joe Culver, who took the lead in organizing the group four years ago. Y-12 men who have been assisting Culver with the Club are Gordon Lindner and George Tucker.

Every Employee Urged To Help Make The Bulletin Successful

We, the staff of The Y-12 Bulletin, are anxious that every employee in Y-12 have an opportunity to contribute to the plant newspaper.

We do not want The Y-12 Bulletin to be just a newspaper for the few, but for everyone that has a part in our community life and in our plant. To do this, we want the help of everyone.

Know Your Reporters

Get to know the reporter in your department or building or turn in news through your supervisor. Let's make the slogan "every employee a reporter" really work, and don't leave the news gathering job up to someone else.

The Y-12 Bulletin is your paper and it needs your active backing to continue to be a success. If Its Interesting—Its News

If a fact interests you it should be of interest to other employees. So send in the facts, clippings, pictures and other data you feel might help The Y-12 Bulletin place the news before its readers in the most attractive manner.

Like every other publication, The Y-12 Bulletin cannot promise to print everything handed in every-time. Sometimes lack of space in some particular issue may result in delay in publication of an article—but consideration will be given any contribution to the newspaper. Reporters Are Volunteers

The Y-12 Bulletin now has approximately 40 reporters throughout the plant who have volunteered to do the task of news gathering. Their cooperation among one another and with the staff of The Bulletin has been extremely fine and their efforts are reflected in the newsworthiness of each edition of the paper.

For the convenience of you readers of The Y-12 Bulletin, here are some of the folks who now are listed as reporters, with their departments. So if you have some information you think should be passed along through the columns of the paper—just get in touch with one of these reporters or send it to the office of The Y-12 Bulletin, Bldg. 9701-1, North Portal, before Thursday noon for publication the following week.

Some Reporters Listed

Now, here's that list of reporters:

Elizabeth Adair, Dept. B12L.
Maola Connor, Dept. A12M.
Boodie Garrett, Jo Goodson and C. W. Sheridan, Dept. H12L.
Reba Justice, Frances Gillihan, Paul Petretzky and Bill Hoover, Dept. H12D.
Hazel Lane, Dept. A12D.
Helen Matthews, Dept. A12S.
Kay Orton, Dept. A12M.
Doris Moore, Dept. A12L.
Vern Peckman, Dept. A12R.
Louise Roberts and Evan Means, Dept. A14N.
Thelma Chapman, Dept. A16N.
Sarah Brown, Dept. A19N.
Helen Baker, Dept. A17N.
Helen Sisson, Depts. A12N, A13N, A12T, A12A and A17N.
Ann Hale, Dept. A12W.
Joyce O. Wendolkowski, Dept.

A16N.

Eugenia Wilcox, Plant Protection.

Billy Hicks, Dept. A14J.

Gene Williams and Ruby Payne, Dept. B12C.

Margaret Hastings and Kathie Baker, Dept. B12H.

Ava Jackson, Dept. B12A.

Virginia Owens, Dept. A13S.

Cathryn Miller, Dept. A12T.

Joyce Merry, Dept. A12P.

Ann Bennett, Depts. M12P and M13P.

W. Mercner, Dept. A12A.

Busters, Butchers Both Win Over Plant League Pin Foes

A four-point sweep of their match with the Lumberjacks enhanced the Bottom Buster's leadership of the Plant Bowling League in last Thursday night's jousting at the Grove Alleys but the Wood Butchers kept pace and just one game in the arrears by also taking four points from the Chemicals.

The Wood Butcher's 1,087 and 3,033 were handicap highs for a single game and series, while individual high handicap series was rolled by H. C. McBurney, of the Butchers, with a mark of 665. Bowlers breaking 500 scratch series were Roy Roberts, Comets, 563; Nick ZaBenco, same team, 562; E. Whitaker, B. Busters, 558; John Reece, Butchers, 556; Sky Barker, same team, 538; Conrad Roberts, Wolves, 532; Al Groppe, Rippers, 530; Ernie Cobble, Busters, 526; Don Ross, Comets, 506; and Frank Gragg, Wolves, 503. Cobble's 222 was tops for scratch single scoring.

Thursday night's rolling matches the Comets vs. Rippers, Bottom Busters vs. Bums, Knot Hokers vs. One-91, Chemicals vs. Bldg. 9212, Lumberjacks vs. Big'uns and Wolves vs. Wood Butchers.

League standing follows:

Team	W	L	Team	W	L
B. Busters	14	2	Bums	7	9
W. Butchers	13	3	One-91	6	10
Comets	11	5	K. Hokers	5	11
Rippers	10	6	L. Jacks	5	11
Wolves	8	8	Chemical	5	11
Big 'Uns	8	8	Bldg. 9212	4	12

Childhood Diseases Are Preventable

Many childhood diseases, once considered unavoidable, now can usually be prevented by immunization. When they do occur they are apt to be far less dangerous than formerly. In one generation medical science has lowered the death rates from measles and whooping cough by about 80 per cent. Diphtheria mortality is down 95 per cent since 1900. Few now die from scarlet fever, and small-pox is almost wiped out.

March 29 is the birthday of John Tyler, 10th president of the United States. He was born in 1790.

Y-12 Fire Department Called 'Part Of Whole Team' In Plant

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place more emphasis on the Fire Department for responsibility for the program than in most other plants. For this reason we regard our Fire Department as a part of our whole team rather than a mere service to be called on occasionally. Your success in working with the rest of the plant is manifested by the high regard your department has in the eyes of the various groups in Y-12.

"In passing I should like to mention at this time that our plant has taken on a variety of new responsibilities for the Atomic Energy Commission. These were placed in Y-12 because it is well known that the Y-12 plant has a team that knows how to do a job quickly, efficiently, and safely. As a part of that team, you have helped to build up that reputation.

Clean-Up Week Ahead

"We are about to start another phase of your activities in participating in National Cleanup Week. I hope that your work in this campaign will be one of the significant activities to be considered in the awards for next year.

"I am confident that with the enthusiasm you have shown in the past you cannot fail to have your accomplishments recognized in this year's contest as it was last year's.

"Again I shall like to congratulate you and your Chief for the outstanding honor which you have brought to Y-12."

1947 High Points Reviewed

In the presentation talk by Lavers and the acceptance remarks by Chief Hughey, it was pointed out that only one point separated Y-12 from first place in the contest, won by the K-25 plant. Both Lavers and Chief Hughey also reviewed the high points of the Y-12 program in 1947 with the view of improving on that record during 1948.

Bulletin Hears Another Strange Yarn On Fishing

The Fishing and Hunting Department of The Y-12 Bulletin recalls having heard stories about wild ducks and geese being hit by airplane propellers, but gives the following Y-12 fishing story on a strictly "take it or leave it" reader basis.

Three Y-12 nimrods, George Chilton, Cliff Voekel and Howard Burnett went duck hunting up on Norris Lake recently. They were chugging along in a boat powered by an outboard motor and had reached a point about halfway to their destination when all of a sudden the boat hit something which they thought was a log. They stopped the motor and in a few seconds saw a five-pound large mouth bass roll to the surface behind the boat.

The boys quickly grabbed the huro floridano and tied it up in the boat before it regained consciousness. It is assumed that the bass knocked itself out in attempting to take a bite out of the prop. Incidentally the boys got three ducks.

Lighting Fatal To 400 Annually

Lightning kills around 400 persons annually in the United States, or about three in every 1,000,000 of the population. The probability of being fatally injured by lightning is far greater in rural than in urban areas. About nine out of every 10 fatalities from this cause occur in places with 2,500 or fewer inhabitants, although these areas have only a little more than 40 per cent of the total population. City dwellers are relatively safe one reason being that the steel structures of the tall buildings act as lightning conductors. Moreover, persons in urban areas usually do not have far to go to find a place of shelter when caught in a sudden thunderstorm.

Did you drop that board with that upturned nail?

Additions To Y-12 Technical Library

Mathematics

QA 58—National Bureau of Standards, "Tables of Exponential Functions," Washington, D. C., U. S. Government Printing Office, 1947. 535 pages.

QA 331—MacRobert, Thomas M., "Functions of a Complex Variable," London, MacMillan Co., 1947. 390 pages.

Chemistry

QD 63.F5—Dickey and Brylen, "Theory and Practice of Filtration," N. Y., Reinhold Publication Co., 1946. 346 pages.

QD 63.MS—Chamot, and Mason, "Handbook of Chemical Microscopy," N. Y., Wiley and Sons, 1947. 478 pages.

QD 181.B4—Rimback and Michel, "Beryllium-Its Production and Application," N. Y., Reinhold Publication Co., 1932. 331 pages.

QD 181.HI—Farkas, Adalbert, "Orthohydrogen, Parahydrogen and Heavy Hydrogen," Cambridge University Press, 1935. 215 pages.

Technology

TH 9446—National Fire Protection Association, "National Fire Codes," Volume I, Flammable Liquids, Gases, Chemicals and Explosives," Boston, National Fire Protection Association, 1948.

Reference

Ref.—U. S. Patent Office, "Index of Trade-Marks," Wash., U. S. Government Printing Office, 1947. 561 pages.

Big Boy Now, Rifle Return Asked Of Police

He's a big boy now—so he wanted his rifle.

Thornton James, of Somerville, Mass., strode into police headquarters on his 21st birthday.

"I want my rifle," he demanded. "Your what?" asked a policeman.

"My rifle," said James, "the air rifle you took away from me when I was 13 years old. A policeman told me I was too young and told me I could get it back when I was 21. Well, I'm 21 years old today and I want my rifle."

Red faced policemen had a hard time convincing James that the department didn't keep property that long.

FOOD HELPS BUILD TEETH

Strong, even teeth in a healthy mouth depend largely upon good general health, upon foods which give the teeth the building material they need, upon skilled dental care, and upon cleanliness. Heredity and other influences, the extent of which are unknown, may also affect the teeth.

Fires kill about 30 persons every day.



ONE OF THE NERVE CENTERS OF Y-12 is the electrical control system of the plant that handles the vast amount of electrical power used here. The performance and safety record of employees who keep an unrelaxed finger on the flow of power through the high voltage lines necessarily must be at a high standard as constant vigilance must be kept by the group. The Y-12 employees shown in the above picture were assembled for the photograph as their work is spread out to cover operations seven days a week for the three shifts. They are, left to right, H. R. Akins, D. P. Anderson, W. M. Redden, J. L. Titlow and B. I. Scott.

1948 Cleanup Drive Extends To All Corners Of Y-12

(Continued from Page 1)

prevention contest and with the same cooperation from Y-12 employees this year Chief Hughey is hopeful that the 1948 program again will prove successful.

General Instructions Issued

As a guide to Y-12 employees in observance of the cleanup period, the Fire Department has issued the following general instructions:

1. Clean all lockers.
2. Clean all work benches, shops and work areas.
3. Clean closets, stockrooms and storerooms.
4. Clean basements and attics.
5. Clean premises around buildings.
6. Remove all waste, rubbish and scrap materials.
7. See that all oily rags are kept in self-closing containers of approved type and see that such containers are emptied at the end of each day's work, if possible.
8. See that all flammable liquids are kept in proper type of safety containers.
9. Improve general housekeeping conditions and rearrange stock where necessary. This applies to both shoprooms and offices.

Atomic Energy Security Plan Makes Good Sense

(Continued from Page 1)

In order that each employee in Y-12 may contribute to the general security of the nation, protect himself and the Company from embarrassment resulting from violation of security regulations; these regulations governing classified matter are made an authorized Company procedure applicable to all Y-12 employees. This document is Standard Practice Procedure No. 55. It is urged that inquiries regarding this procedure or any other security problems be directed to the Security Office, located in the North Portal, telephone 71253 on long distance.

How To Guard Against Colds

Are you putting your knowledge to work by guarding against catching cold? Stay out of crowds as much as possible when colds, influenza and pneumonia are going the rounds. Avoid direct contact with people who have colds. Wash your hands with soap and water before eating. Use only clean eating and drinking utensils and your own toilet articles.

If you never do any more than you are paid for you will never be paid for any more than you do.

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S P O R T S

Hopkins Named Manager Of Y-12 Ball Club; Hamrick, James Aides; First Session Held

Managerial reins of the Y-12 baseball team which will enter the Oak Ridge City League will be handled by C. B. Hopkins, Dept. A17N, assisted by Pat Hamrick, Dept. A12L, and Roy N. "Red" James, Dept. B12A, it has been announced by Arnold Tiller, Y-12 Recreation Supervisor. Each one of the three selected to staff the Y-12 baseball nine for this season has had plenty of baseball experience, as players and managers.



DOROTHY MELLEN, star Y-12 feminine basketballer, receives the fourth place trophy won by the varsity team in the South-eastern A.A.U. tournament at Nashville recently from Billy Hudson, tournament director.

Lowe's Basket Gives Y-12 Gals Tourney Victory

Judy Lowe got but one field goal in Knoxville last Thursday night but it broke up a ball game in an overtime period and gave Y-12 a 21 to 20 victory over a hard fighting Morristown sextet in a lower bracket clash in the Tri State basketball tournament. This victory sent the Y-12 lassies against their old rivals, the Oak Ridge National Laboratory girls, in the semi-finals last Friday night.

Previously Coach Bill Davis' charges had walloped the Kingston Lionettes 31 to 13 to advance in the lower bracket of the tournament.

Margaret Baker led the scoring for Y-12 against Morristown with seven points and Helen Brown tallied 14 against Kingston.

Ann Hart Bowls Big 214 But Y-12 Team Loses Ground

Ann Hart bowled a sensational 214 scratch game for the Y-12 feminine keglers last Thursday night as team took two out of three games from the Jefferson outfit. However, the Y-12 team lost ground in their race for first place as the Oak Ridge National Lab lassies took three tilts from the Oak Ridge Motors.

Y-12 rolls the Grove Merchants this week and hopes to cut the two-game gap separating them from first place as the X-10 women meet the Dodgers.

League standing follows:

Team	W	L	Team	W	L
O. R. Lab	48	21	Jeffs	34	35
Y-12	46	23	K-25	34	35
Roane-And.	40	29	Ford Motors	29	40
Fairchild	40	29	Grove Mchts.	28	41
Dodgers	37	32	P. V. Mchts.	22	47
Morats	34	35	C.S. Laundry	22	47

Active Around Birmingham

Manager Charlie Hopkins was active for many years in amateur baseball circles in Birmingham, Ala., both as a player and a manager. In 1930 he played third base for the Texas Refiners at Port Arthur, Tex., which then was one of the best amateur ball clubs in the entire Southwest. Hopkins coached the American Legion junior baseball teams for the past two years.

While in business at Harriman 18 years, Hamrick managed two outstanding baseball teams in that town, the Harriman Independents and the Harriman Tigers, a Negro nine which lost but two games in two years. Hamrick was active as a baseball manager in Harriman for eight years prior to coming to Oak Ridge. In his younger days, Hamrick played lots of baseball in Georgia as a catcher and third baseman.

Red Played In Kitty League

"Red" James also played plenty of baseball. He began playing back in high school days and carried on at the Western Kentucky State Teachers College at Bowling Green, where he was a first string pitcher. James also played professional ball as an infielder on the Owensboro, Ky., team in the Kitty League. Quitting professional baseball for financial reasons, James continued playing ball up to 1939, most of the time with a Beaver Dam, Ky., team.

First practice session and player registration was held last night at Oakwood Baseball Park and another tryout will probably be held later on this week if the City Recreation Department makes a practice field available for that purpose.

Baseball Loop To Organize At Meet Wednesday Night

The Oak Ridge City League of amateur baseball clubs will be formally organized at a meeting of managers of eight clubs set for 7 o'clock Wednesday night at the American Legion Home, Grove Center. A schedule probably will be adopted and a league business manager named at the meeting.

Last Thursday night members of Atomic City Post, No. 199, American Legion, appropriated \$800 to finance its major league and junior baseball teams for the season.

It was a race between the stork and the ambulance and the stork won on the hospital lawn.

Eventually, the husband received a bill including the item: "Delivery room, \$25."

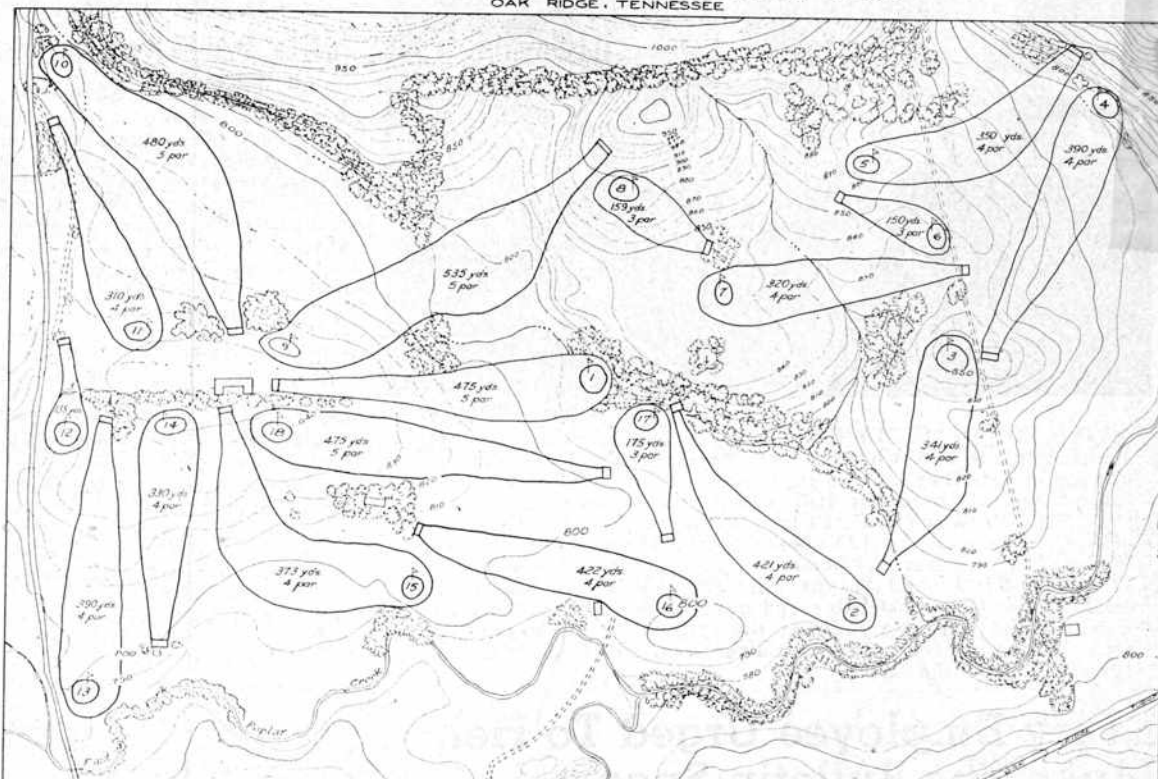
He wrote a hot letter, insisting his wife had never been in the delivery room.

Back came another bill carrying a correction: "Greens fee—\$25."

Wear out—but never rust out.

OAK RIDGE GOLF AND COUNTRY CLUB

OAK RIDGE, TENNESSEE



HERE IS THE PROPOSED COMPLETE LAYOUT OF THE OAK RIDGE GOLF AND COUNTRY CLUB course. Play is being staged on the first nine holes and work on the second nine is progressing.

Cage Playoff Series Will Start Wednesday

The playoff series between Tillers Toilers of Y-12 and the K-25 basketballers for the City Recreation League title will start at 8 o'clock Wednesday night in the old gymnasium of the Jefferson Junior High School. The second of the three game series will be staged at the same time and place Friday night and a third game, if necessary, will be scheduled to suit the convenience of the players.

Y-12 won the first half of the season in a playoff against their West End cousins but lost out in the second half play, which was a single elimination tournament won by K-25.

The Y-12 cagers were rudely ousted from the Oak Ridge open tourney last Wednesday night when a gent by the name of Bob Stuhlmiller scored 23 points to lead the Oak Ridge Motors outfit to a 50 to 38 victory. Paul Clevenger, John Ramsey and Arnold Tiller each scored 10 points for Y-12.

Calutrons Pass Termites, Strikers Hold Loop Lead

A two-rung advance by the Calutrons into third place at the expense of the Termites presages a challenge to the Strikers who were able only to secure a two-point draw with the Splinters in last Tuesday night's pin tumbling at the Jefferson Alleys. However, the Strikers lead the D Area Bowling League with 30 won and 14 lost, which enables them to coast along for awhile as their point margin is six above the second spot Scotties and seven over the Calutrons.

Leo Caldwell, of the Splinters, had a big hand in holding the Strikers as he rolled scratch highs of 220 for a single game and 554 for the series. His 244 for a singleton also topped individual handicap scoring and his 626 for the three games placed first a series with handicap. Nelson Tibbatts, of the Scotties, rolled a 204 scratch game, and Phil Rueff, Termites, marked up a 202 game and a 512 scratch series. Wes Savage, also of the Termites, rolled a scratch series of 508.

Tonight's D Area Bowling at the Jefferson matches the Splinters vs. Overheads, Old Men vs. Strikers, Termites vs. Scotties and Wood Choppers vs. Calutrons.

League standing follows:

Team	W	L	Team	W	L
Strikers	30	14	Splinters	21	23
Scotties	24	20	Overheads	20	24
Calutrons	23	21	W. Choppers	19	25
Termites	21	23	Old Men	18	26

Planned activity is a good cure for boredom.

EXCUSE IT PLEASE, IT WAS CONARD ROBERTS

The question of "what's in a name?" came out affirmatively after last week's mistake in The Y-12 Bulletin concerning who did what in the recent plant-wide open bowling tournament. A bowler by the name of Roberts did win the handicap series singles with a score of 649 and also the scratch three-game high score with a 544. But the bowler's first name was Conard, and not Roy, and belongs to Roberts of Dept. A16N, a member of the Wolves team of the Plant Bowling League.

Nick ZaBenco Bowls Record Game Of 278

Nick ZaBenco, Dept. B12L, does it again! Early last January ZaBenco rolled a bowling score of 268 and not only set this season's record but tied the Oak Ridge all-time high for a single game.



Bowling Monday night, March 15, at the Grove Alleys as a member of the CS Laundry team in the City League, ZaBenco broke his own record. Nick ZaBenco of 268 and set an all-time high mark for Oak Ridge for competitive rolling with a scratch game of 278 and a series of 666. The kingpin's pinnacle was reached with games of 206, 182 and the 278 for the 666 total. In negotiating the single game scratch mark of 278, ZaBenco started off with seven straight strikes, got eight pins on the first ball in the eighth frame followed by a spare; then a strike in the ninth and finishing with a grand flourish of three more straight strikes.

A farmer took the pig to town and sold it. With the proceeds he bought a suit, a hat, a pair of shoes, and then he tucked the bundle under the seat and said: "Giddap, Oriole, let's go home and surprise the wife."

On the way home, he stopped at the creek, took off his old clothes and threw them in, and they sank. Then he looked under the seat for his new outfit. It was gone.

He got back on the seat and said "Giddap, Oriole, we'll surprise her anyway."

Grover Cleveland, 22nd president of the United States, was born on March 18, 1837.

Golf Club Members Hear Progress Report

An open membership meeting of the Oak Ridge Golf and Country Club was held last Wednesday night at Ridge Hall for the purpose of acquainting the members of the progress made last year and ensuing plans, it has been announced by W. D. Lavers of Y-12, president of the club.

Lavers said negotiations to obtain watering of the golf course had progressed to the point where the Atomic Energy Commission has agreed to pipe water to the club grounds. A watering system for the greens then will be installed at the club's expense. Pipe has been ordered and is expected to be received in 10 to 12 weeks.

Golfing at the club is confined at present to the first nine holes and on temporary greens which have been reported in excellent shape by numerous members who took advantage of the bright weather on Sunday, March 14.

The club will stage another dance at the Grove Hall on Saturday night, May 1, to which all members and their guests will be invited.

Varsity Bowlers Lead League By Three Games As AEC Loses

Y-12's leadership in the City Industrial Bowling League rested on a substantial margin of three games as a result of jousting at the Central Alleys Friday, March 12, when the second spot Atomic Energy Commission timber tumbler tumbled two games out of three in their match with the Roane-Anderson aggregation. Capt. Sky Barker's boys had played the Tuesday before out of regular schedule and took a clean-sweep from K-25. Only four weeks remain on the schedule and if Y-12 maintains near its present stride, the team should come home with the bacon.

Roy Roberts and Ernie Cobble each has a league average of 174 and are the loop's king pinmen in their deadlock for the No. 1 position.

League standing through March 12 follows:

Team	W	L	Team	W	L
Y-12	52	23	R-A	44	
AEC	49	26	Fairchild	22	
K-25	45	30	Skidmores	13	42

Spike: "A girl's greatest attraction is her hair."

Mike: "No. I think it's her teeth. Stranger, what do you think about it?"

Stranger: "Same as you, buddy, but I don't lie about it."